

AMENDED IN SENATE AUGUST 18, 2003

AMENDED IN ASSEMBLY JUNE 2, 2003

AMENDED IN ASSEMBLY APRIL 21, 2003

CALIFORNIA LEGISLATURE—2003–04 REGULAR SESSION

## ASSEMBLY BILL

No. 1532

Introduced by Assembly Member Nakano

February 21, 2003

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An act to add Section 116288 to the Health and Safety Code, relating to water.

### LEGISLATIVE COUNSEL'S DIGEST

AB 1532, as amended, Nakano. ~~State Water Project Drinking water safety:~~ real-time monitoring.

Under the existing law, the Department of Water Resources operates the State Water Project California Safe Drinking Water Act, the State Department of Health Services is required to impose requirements on affected public water systems and water districts that are consistent with state law implementing the federal Safe Drinking Water Act. As part of implementing the state and federal acts, the department is required to adopt regulations to, among other things, monitor contaminants in drinking water systems.

This bill would require the Department of Health Services, in cooperation with the Department of Water Resources, department to conduct a water security project, if federal funds are received for that purpose. The bill would prescribe the elements of the project, including the installation, operation, and maintenance of water monitoring devices at up to 25 multiple locations within existing state, regional, or

local water systems, with the ability to detect the introduction of biological, chemical, or radiological agents into water systems. The bill would require reports by the ~~Department of Health Services~~ department on the effectiveness of the water monitoring systems, and on recommendations for the most effective means of protecting the state's drinking water systems.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: no.

*The people of the State of California do enact as follows:*

- 1     ~~SECTION 1. (a) If federal funds are received by the state for~~
- 2     ~~protecting~~
- 3     SECTION 1. Section 116288 is added to the Health and Safety
- 4     Code, to read:
- 5     116288. (a) If federal funding is received by the state through
- 6     the California Spaceport Authority for a water security project to
- 7     protect the safety of state regional and local drinking water
- 8     systems, the ~~Department of Health Services, in cooperation with~~
- 9     ~~the Department of Water Resources, department~~ shall conduct a
- 10    water security project. ~~If federal funds are made available for those~~
- 11    ~~purposes contingent upon application by a state administrator, the~~
- 12    ~~Department of Health Services shall apply for those funds and be~~
- 13    ~~deemed the administrator of the project for those purposes.~~
- 14    ~~project, if the department determines that the amount, terms, and~~
- 15    ~~conditions of the funding are sufficient to conduct the project,~~
- 16    ~~including an amount sufficient to reimburse the department for its~~
- 17    ~~costs in administering the project. No state, regional, or local~~
- 18    ~~agency shall be required to match the federal funds received for~~
- 19    ~~this project.~~
- 20    (b) The project shall include the installation, operation, and
- 21    maintenance of water monitoring devices at ~~up to 25 multiple~~
- 22    locations throughout the state. The devices shall provide real-time
- 23    or near real-time early warning of the accidental or intentional
- 24    introduction of biological, chemical, or radiological agents into
- 25    the water system.
- 26    (c) The project shall include all of the following elements:
- 27    (1) Be located at sites within existing ~~state, regional, regional~~
- 28    or local water distribution or delivery systems in California.

1 (2) Use a sensor system that autonomously monitors reservoirs,  
2 lakes, canals, pipelines, and other appropriate bodies of water in  
3 any ~~state, regional,~~ *regional* or local water system.

4 ~~(3) Be designed to detect neurotoxins in concentrations of 1 to~~  
5 ~~10 parts per billion, dissolved metals in concentrations of 1 to 10~~  
6 ~~parts per million, organophosphates in concentrations of 10 to 50~~  
7 ~~parts per million, hourly gamma radiation levels of one~~  
8 ~~microcentgen or greater, and microorganisms in drinking water in~~  
9 ~~concentrations of 10 microorganisms or more per millimeter of~~  
10 ~~drinking water.~~

11 *(3) Be designed to detect chemical, biological, and*  
12 *radiological agents in levels that the department determines are a*  
13 *threat to public health and safety.*

14 (4) Use a system of communication that includes a land-based  
15 system with a small satellite uplink that can provide data on  
16 multiple locations on a real-time or near real-time basis.

17 (5) Operate for at least 18 months after installation.

18 (d) If funds are received for the project, the ~~Department of~~  
19 ~~Health Services~~ *department* shall report ~~no~~ *not* more than 18  
20 months after the date on which the funds are received, and annually  
21 thereafter for the duration of the project, to the Legislature, the  
22 ~~Department of Water Resources, the Office of Emergency~~ *Office*  
23 *of Emergency Services*, and the Office of Homeland Security on  
24 the effectiveness of the water monitoring project, and on  
25 recommendations for the most effective means of protecting the  
26 state's drinking water systems.